AMENDMENTS TO THE CLAIMS

1. (Original) A compound of Formula 1

Formula 1

or a pharmaceutically acceptable salt thereof, wherein

A₁ is an optionally substituted di-alkylamino, an optionally substituted aryl group, an optionally substituted 5- or 6- membered heteroaryl group, an optionally substituted bicyclic heteroaryl group having a 5-membered heteroaryl ring fused to a phenyl ring, an optionally substituted partially unsaturated or aromatic heterocyclic group having two 6-membered rings, an optionally substituted 5- to 7-membered heterocycloalkyl group containing at least one nitrogen atom and 0 or 1 additional heteroatoms, an optionally substituted partially unsaturated 5- to 7-membered heterocycloalkyl group containing at least one nitrogen atom and 0 or 1 additional heteroatoms, a 5- or 6-membered heterocycloalkyl group fused to a phenyl or heteroaryl ring, or a fused or spiro 8 to 11-membered bicyclic heterocycloalkyl group containing at least one nitrogen atom and 0 to 3 additional heteroatoms;

A2 is

$$(i) \\ Q \\ Q \\ R_{10}$$

API-0002

÷

(v) R₁₁ 0 R₁₂

(xiii)
$$R_{13}$$
 R_{14} R_{12} R_{13} R_{14}

$$\begin{array}{c|c} (x) & & \\$$

t is 0 or 1;

X and W are independently O, S, NR, or absent, where R is hydrogen, optionally substituted C_1 - C_6 alkyl, or optionally substituted aryl(C_0 - C_4 alkyl);

V is C₁-C₆ alkyl, C₂-C₆alkenyl, C₃-C₇cycloalkyl, or absent;

Y is C_1 - C_6 alkyl, C_1 - C_6 alkyl substituted with C_3 - C_7 cycloalkyl, C_2 - C_6 alkenyl, C_3 - C_7 cycloalkyl, or absent; wherein when V is absent, W is absent;

Z is carbonyl, thiocarbonyl, imino, or C₁-C₆alkylimino;

R₁ and R₂ are independently hydrogen, or

 R_1 and R_2 are independently C_1 - C_6 alkyl, C_2 - C_6 alkenyl, or C_2 - C_6 alkynyl, each of which is substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, amino, C_1 - C_4 alkoxy, C_1 - C_2 haloalkyl, and C_1 - C_2 haloalkoxy, or

R₁ and R₂ are joined to form a 5- to 7-membered saturated or mono-unsaturated ring optionally containing one additional heteroatom chosen from N, S, and O, which 5- to 7-membered saturated or mono-unsaturated ring is substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, amino, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₁-C₂haloalkyl, and C₁-C₂haloalkoxy;

 R_{10} is C_1 - C_6 alkyl;

R₁₁ and R₁₂ each represent 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, C₁-C₆alkyl, C₁-C₆alkoxy, mono- and di-(C₁-C₆alkyl)amino, C₂-C₆alkanoyl, C₁-C₂haloalkyl, C₁-C₂haloalkoxy, and phenyl; and

 R_{13} and R_{14} are independently chosen at each occurrence from hydrogen and C_1 - C_4 alkyl;

 R_{15} is C_4 - C_6 alkoxy or C_4 - C_6 alkyl;

R₁₆ is C₂-C₆alkoxy or C₂-C₆alkyl; and

R₁₇ represents 0 to 2 substituents independently chosen from halogen, methyl, and methoxy;

2. (Original) A compound or salt according to Claim 1 wherein

A₁ is a di-(C₁-C₆alkyl)amino, an aryl group, a 5- or 6- membered heteroaryl group, a bicyclic heteroaryl group having a 5-membered heteroaryl ring fused to a phenyl ring, a partially unsaturated or aromatic heterocyclic group having two 6-membered rings, a 5- to 7-membered heterocycloalkyl group containing at least one nitrogen atom and 0 or 1 additional heteroatoms, a partially unsaturated 5- to 7-membered heterocycloalkyl group containing at least one nitrogen atom and 0 or 1 additional heteroatoms, a 5- or 6-membered heterocycloalkyl group fused to a phenyl or

heteroaryl ring, or a fused or spiro 8 to 11-membered bicyclic heterocycloalkyl group containing at least one nitrogen atom and 0 to 3 additional heteroatoms; each of which A_1 is substituted with 0 to 5 substituents independently chosen from:

- (a) halogen, hydroxy, cyano, amino, nitro, oxo, -COOH, -CONH₂, -SO₂NH₂, -SH, C₁-C₂haloalkyl, and C₁-C₂haloalkoxy,
- (b) C₁-C₆alkyl, C₂-C₆alkenyl, C₂-C₆alkynyl, C₁-C₆alkoxy, C₂-C₆alkenyloxy, C₁-C₄alkoxy(C₁-C₄alkyl), amino(C₁-C₆)alkyl, mono- and di-(C₁-C₆alkyl)amino, mono- and di-(C₁-C₄alkyl)aminoC₁-C₄alkyl, C₂-C₆alkanoyl, C₂-C₈alkanoyloxy, C₁-C₈alkoxycarbonyl, -mono- and di-(C₁-C₆alkyl)carboxamide, (C₃-C₇cycloalkyl)carboxamide, mono- and di-(C₁-C₆alkyl)sulfonamide, C₁-C₆alkylthio, aryl(C₀-C₄alkyl)thio, C₁-C₆alkylsulfinyl, and C₁-C₆alkylsulfonyl, and
- (c) -GR_a where

G is chosen from -(CH₂)_n-, C₂-C₄alkenyl, C₂-C₄alkynyl, -(CH₂)_nO(CH₂)_m-, and -(CH₂)_nN(CH₂)_m-, where n and m are independently 0, 1, 2, 3, or 4; and

R_a is chosen from C₃-C₈cycloalkyl, C₂-C₇monocyclic heterocycloalkyl, C₅-

 C_{10} bicyclicheterocycloalkyl, indanyl, tetrahydronapthyl, aryl, and heteroaryl;

each of which (b) and (c) is substituted with 0 to 5 substituents independently chosen from halogen, hydroxy, amino, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₂-C₄alkanoyl, C₁-C₄alkoxycarbonyl, C₁-C₂haloalkyl, C₁-C₂haloalkoxy, and phenyl;

X and W are independently O, S, NR, or absent,

where R is hydrogen or R is C_1 - C_6 alkyl or aryl(C_0 - C_4 alkyl), each of which is substituted with 0 to 5 substitutents independently chosen from halogen, hydroxy, cyano, amino, nitro, oxo, C_1 - C_2 haloalkyl, C_1 - C_2 haloalkoxy, C_1 - C_6 alkyl, C_1 - C_6 alkyl, C_1 - C_6 alkyl, amino;

V is independently C₁-C₆ alkyl, C₂-C₆ alkenyl, C₃-C₇ cycloalkyl, or absent;

Y is C_1 - C_6 alkyl, C_1 - C_6 alkyl substituted with C_3 - C_7 cycloalkyl, C_2 - C_6 alkenyl, C_3 - C_7 cycloalkyl, or absent; wherein when V is absent, W is absent;

Z is carbonyl, thiocarbonyl, or imino; and

R₁ and R₂ are independently hydrogen, or

R₁ and R₂ are independently C₁-C₆alkyl, C₂-C₆alkenyl, or C₂-C₆alkynyl, each of which is substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, amino, C₁-C₄alkoxy, C₁-C₂haloalkyl, and C₁-C₂haloalkoxy, or

R₁ and R₂ are joined to form a 5- to 7-membered saturated or mono-unsaturated ring optionally containing one additional heteroatom chosen from N, S, and O, which 5- to 7-membered saturated or mono-

unsaturated ring is substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, amino, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di- $(C_1$ - C_4 alkyl)amino, C_1 - C_2 haloalkyl, and C_1 - C_2 haloalkoxy.

Claims 3-5 (Canceled)

- 6. (Currently Amended) A compound or salt according to Claim 1 or 2 in which Z is carbonyl.
- 7. (Currently Amended) A compound or salt according to any one of Claims 1 to 6 in which X is oxygen and Y is -CH₂-.

Claim 8 (Canceled)

- 9. (Currently Amended) A compound or salt according to any one of Claims-1 to 6 wherein when X and Y are absent.
- 10. (Currently Amended) A compound or salt according to any one of Claims 1 to 9 Claim 6 wherein V and W are absent.

Claims 11-12 (Canceled).

- 13. (Currently Amended) A compound or salt according to Claim $\frac{12}{6}$ in which R_1 and R_2 are independently hydrogen, methyl, or ethyl.
- 14. (Original) A compound or salt according to Claim 13 in which R_1 and R_2 are both hydrogen.

Claims 15-16 (Canceled).

17. (Currently Amended) A compound or salt according to any one of Claims 2 to 16 Claim 6 wherein

A₁ is aryl, a partially unsaturated heterocyclic group, or heteroaryl group; substituted with 0 to 5 substituents independently chosen from:

- (a) halogen, hydroxy, cyano, amino, nitro, oxo, -COOH, -CONH₂, -SO₂NH₂, -SH, C₁-C₂haloalkyl, and C₁-C₂haloalkoxy, and
- (b) C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 alkoxy, C_2 - C_6 alkenyloxy, C_1 - C_4 alkoxy(C_1 - C_4 alkyl), amino(C_1 - C_6) alkyl, mono- and di-(C_1 - C_6 alkyl) amino, mono- and di-(C_1 - C_4 alkyl) amino C_1 - C_4 alkyl, C_2 - C_6 alkanoyl, C_2 - C_8 alkanoyloxy, C_1 - C_8 alkoxycarbonyl, mono- and di-(C_1 - C_6 alkyl) carboxamide, (C_3 - C_7 cycloalkyl) carboxamide, mono- and di-(C_1 - C_6 alkyl) sulfonamide, C_1 - C_6 alkylthio, aryl(C_0 - C_4 alkyl)thio, C_1 - C_6 alkylsulfinyl, and C_1 - C_6 alkylsulfonyl, and
- (c) -GR_a where

G is chosen from - $(CH_2)_n$ -, C_2 - C_4 alkenyl, C_2 - C_4 alkynyl, - $(CH_2)_nO(CH_2)_m$ -, and - $(CH_2)_nN(CH_2)_m$ -, where n and m are independently 0, 1, 2, 3, or 4; and R_a is chosen from C_3 - C_8 cycloalkyl, C_2 - C_7 monocyclic heterocycloalkyl, C_5 -

C₁₀bicyclicheterocycloalkyl, indanyl, tetrahydronapthyl, aryl, and heteroaryl;

- each of which (b) and (c) is substituted with 0 to 5 substituents independently chosen from halogen, hydroxy, amino, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₂-C₄alkanoyl, C₁-C₄alkoxycarbonyl, C₁-C₂haloalkyl, C₁-C₂haloalkoxy, and phenyl.
 - 18. (Original) A compound or salt according to Claim 17 wherein
- A₁ is phenyl, naphthyl, pyridyl, pyrimidinyl, thienyl, pyrrolyl, furanyl, pyrazolyl, imidazolyl, thiazolyl, triazolyl, thiadiazolyl, oxazolyl, isoxazolyl, benzofuranyl, benzothiazolyl, benzothiophenyl, benzoxadiazolyl, benzo[d]oxazolyl, dihydrobenzodioxynyl, indolyl, pyrazolopyrimidinyl, thienylpyrazolyl, benzopyranyl, or 4H-chromenyl,

each of which is substituted with 0 to 5 substituents independently chosen from

- (a) halogen, hydroxy, cyano, amino, nitro, oxo, -COOH, -CONH₂, -SO₂NH₂, -SH, C₁-C₂haloalkyl, and C₁-C₂haloalkoxy, and
- (b) C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 alkoxy, C_2 - C_6 alkenyloxy, C_1 - C_4 alkoxy(C_1 - C_4 alkyl), amino(C_1 - C_6) alkyl, mono- and di-(C_1 - C_6 alkyl) amino, mono- and di-(C_1 - C_4 alkyl) amino C_1 - C_4 alkyl, C_2 - C_6 alkanoyl, C_2 - C_8 alkanoyloxy, C_1 - C_8 alkoxycarbonyl, -mono- and di-(C_1 - C_6 alkyl) carboxamide, (C_3 - C_7 cycloalkyl) carboxamide, mono- and di-(C_1 - C_6 alkyl) sulfonamide, C_1 - C_6 alkylthio, aryl(C_0 - C_4 alkyl)thio, C_1 - C_6 alkylsulfinyl, and C_1 - C_6 alkylsulfonyl, and
- (c) $-GR_a$ where G is chosen from $-(CH_2)_n$, C_2 - C_4 alkenyl, C_2 - C_4 alkynyl, $-(CH_2)_nO(CH_2)_m$, and

-(CH₂)_nN(CH₂)_m-, where n and m are independently 0, 1, 2, 3, or 4; and
R_a is chosen from C₃-C₈cycloalkyl, C₂-C₇monocyclic heterocycloalkyl, C₅C₁₀bicyclicheterocycloalkyl, indanyl, tetrahydronapthyl, aryl, and heteroaryl;
each of which (b) and (c) is substituted with 0 to 5 substituents independently chosen from halogen,
hydroxy, amino, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₁-C₂haloalkyl, C₁C₂haloalkoxy, and phenyl.

Claim 19 (Canceled)

- 20. (Currently Amended) A compound or salt according to Claim $\frac{19}{18}$ in which A_1 is substituted with 0 to 5 substituents independently chosen from
- (a) halogen, hydroxy, cyano, amino, nitro, oxo, C₁-C₂haloalkyl, and C₁-C₂haloalkoxy, and
- (b) C_1 - C_6 alkyl, C_1 - C_6 alkoxy, C_1 - C_4 alkoxy(C_1 - C_4 alkyl), amino(C_1 - C_4)alkyl, mono- and di-(C_1 - C_4 alkyl)amino, and mono- and di-(C_1 - C_4 alkyl)amino C_1 - C_4 alkyl; and
- (c) -GR_a where

G is from $-(CH_2)_n$ -, $-(CH_2)_nO(CH_2)_m$ -, and $-(CH_2)_nN(CH_2)_m$ -, and

- R_a is C₃-C₈cycloalkyl, 5 or 6-membered heterocycloalkyl containing 1 or 2 heteroatoms independently chosen from O, S, and N, 5- or 6-membered heteroaryl containing 1, 2, or 3 heteroatoms independently chosen from O, S, and N, indanyl, and phenyl,
- each of which (b) and (c) is substituted with 0 to 5 substituents independently chosen from halogen, hydroxy, amino, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₂alkyl)amino, and C₁-C₂haloalkyl, and C₁-C₂haloalkoxy.
 - 21. (Original) A compound or salt according to Claim 20 in which
- $A_1 \text{ is substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, nitro,} \\ oxo, C_1-C_2\text{haloalkyl}, C_1-C_2\text{haloalkoxy}, C_1-C_6\text{alkyl}, C_1-C_6\text{alkoxy}, C_1-C_4\text{alkoxy}(C_1-C_4\text{alkyl}), \\ \\ amino(C_1-C_4)\text{alkyl}, \text{ mono- and di-}(C_1-C_4\text{alkyl})\text{amino, and mono- and di-}(C_1-C_4\text{alkyl})\text{amino}C_1-C_4\text{alkyl}.$

Claims 22-39 (Canceled).

40. (Currently Amended) A compound or salt according to any one of Claims 1, 2, or 24 to 38, Claim 2 wherein

- A₁ is pyrazinyl, pyridyl, or quinaxolinyl, each of which is substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₁-C₂haloalkyl, and C₁-C₂haloalkoxy.
- 41. (Currently Amended) A compound or salt according to any one of Claims 1, 2, or 24 to 38 Claim 2 of Formula 17, wherein

Formula 17

wherein

 R_{18A} is hydrogen, halogen, hydroxy, cyano, amino, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di- $(C_1$ - C_4 alkyl)amino, C_1 - C_2 haloalkyl, or C_1 - C_2 haloalkoxy; and

- R_{18} represents 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, nitro, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di- $(C_1$ - C_4 alkyl)amino, C_1 - C_2 haloalkyl, C_1 - C_2 haloalkoxy, and phenyl.
- 42. (Original) A compound or salt according to Claim 41 in which X and Y are absent; and R_1 and R_2 are independently hydrogen or methyl.
- 43. (Currently Amended) A compound or salt according to any one of Claims 1, 2, or 24 to 38 Claim 2 of Formula 18, wherein

Formula 18

r is 1, 2, or 3;

 R_{20} and R_{21} are independently selected from hydrogen and C_1 - C_4 alkyl; or R_{20} and R_{21} are joined to form a C_3 - C_7 cycloalkyl group; and

R₂₂ and R₂₃ are independently chosen C₁-C₆ alkyl groups; each of which is substituted with 0 to 5 substituents independently chosen from halogen, hydroxy, cyano, amino, C₁-C₄alkyl, C₁-C₄alkoxy,

mono- and di- $(C_1$ - C_4 alkyl)amino, C_1 - C_2 haloalkyl, and C_1 - C_2 haloalkoxy.

44. (Currently Amended) A compound or salt according to any one of Claims 1, 2, or 24 to 38 Claim 2 of Formula 19, wherein

Formula 19

r is 1, 2, or 3;

 R_{20} and R_{21} are independently selected from hydrogen and C_1 - C_4 alkyl; or R_{20} and R_{21} are joined to form a C_3 - C_7 cycloalkyl group;

 R_{22} is C_1 - C_6 alkyl which is substituted with 0 to 5 substituents independently chosen from halogen, hydroxy, cyano, amino, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di- $(C_1$ - C_4 alkyl)amino, C_1 - C_2 haloalkyl, and C_1 - C_2 haloalkoxy; and

 $R_{24} \, represents \, 0 \, to \, 3 \, substituents \, independently \, chosen \, from \, halogen, \, hydroxy, \, cyano, \, amino, \, nitro, \, -COOH, \, -CONH_2, \, -SO_2NH_2, \, -SH, \, C_1-C_2haloalkyl, \, C_1-C_2haloalkoxy, \, C_1-C_6alkyl, \, C_2-C_6alkenyl, \, C_2-C_6alkynyl, \, C_1-C_6alkoxy, \, C_2-C_6alkenyloxy, \, C_1-C_4alkoxy(C_1-C_4alkyl), \, amino(C_1-C_6)alkyl, \, mono-and \, di-(C_1-C_6alkyl)amino, \, mono- and \, di-(C_1-C_4alkyl)aminoC_1-C_4alkyl, \, C_2-C_6alkanoyl, \, C_2-C_8alkanoyloxy, \, C_1-C_8alkoxycarbonyl, \, -mono- and \, di-(C_1-C_6alkyl)carboxamide, \, (C_3-C_7cycloalkyl)carboxamide, \, mono- \, and \, di-(C_1-C_6alkyl)sulfonamide, \, C_1-C_6alkylthio, \, aryl(C_0-C_4alkyl)thio, \, C_1-C_6alkylsulfinyl, \, and \, C_1-C_6alkylsulfonyl.$

- 45. (Original) A compound or salt according to Claim 44, wherein $R_{24} \text{ represents 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, C_1-C_4alkyl, C_1-C_4alkoxy, mono- and di-$(C_1$-C_4alkyl)amino, C_1-C_2haloalkyl, and C_1-C_2haloalkoxy.}$
 - 46. (Currently Amended) A compound or salt according any one of Claims 1, 2 or 24 to 38 to Claim 2 of Formula 20, wherein

Formula 20

r is 1, 2, or 3;

 R_{20} and R_{21} are independently selected from hydrogen and C_1 - C_4 alkyl; or R_{20} and R_{21} are joined to form a C_3 - C_7 cycloalkyl group; and

 R_{25} represents 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di- $(C_1$ - C_4 alkyl)amino, C_1 - C_2 haloalkyl, and C_1 - C_2 haloalkoxy.

47. (Currently Amended) A compound or salt according any one of Claims 1, 2 or 24 to 38 to Claim 2 of Formula 21, wherein

Formula 21

r is 1, 2, or 3;

 R_{20} and R_{21} are independently selected from hydrogen and C_1 - C_4 alkyl; or R_{20} and R_{21} are joined to form a C_3 - C_7 cycloalkyl group; and

 R_{25} represents 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di- $(C_1$ - C_4 alkyl)amino, C_1 - C_2 haloalkyl, and C_1 - C_2 haloalkoxy; and

- Q is O, S, or NR₂₆; where R₂₆ is hydrogen or R₂₆ is C₁-C₆alkyl, phenyl, pyridyl, or pyrimidinyl, each of which is substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₆alkyl)amino, C₁-C₂haloalkyl, and C₁-C₂haloalkoxy.
- 48. (Currently Amended) A compound or salt according any one of Claims 1, 2 or 24 to 38 to Claim 2 of Formula 22, wherein

$$R_{27}$$
 O
 O
 S
 R_{25}
 R_{20}
 R_{21}
 R_{1}
 R_{2}
 R_{2}
Formula 22

r is 1, 2, or 3;

 R_{20} and R_{21} are independently selected from hydrogen and C_1 - C_4 alkyl; or R_{20} and R_{21} are joined to form a C_3 - C_7 cycloalkyl group; and

R₂₅ and R₂₇ each represent 0 to 2 substituents independently chosen from halogen, hydroxy, cyano, amino, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₁-C₂haloalkyl, and C₁-C₂haloalkoxy.

49. (Currently Amended) A compound or salt according any one of Claims 1, 2 or 24 to 38 to Claim 2 of Formula 23, wherein

r is 1, 2, or 3;

s is 1, 2, or 3;

 R_{20} and R_{21} are independently selected from hydrogen and C_1 - C_4 alkyl; or R_{20} and R_{21} are joined to form a C_3 - C_7 cycloalkyl group; and

 R_{25} represents 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di- $(C_1$ - C_4 alkyl)amino, C_1 - C_2 haloalkyl, and C_1 - C_2 haloalkoxy.

50. (Currently Amended) A compound or salt according any one of Claims 1, 2 or 24 to 38 to Claim 2 of Formula 24, wherein

$$R_{25}$$
 R_{1}
 R_{2}
 R_{1}
 R_{2}

Formula 24

 R_{25} represents 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di- $(C_1$ - C_6 alkyl)amino, C_1 - C_2 haloalkyl, and C_1 - C_2 haloalkoxy; and

- G is O, S, SO₂, or NR₂₆; where R₂₆ is hydrogen or R₂₆ is C₁-C₆alkyl, phenyl, pyridyl, or pyrimidinyl, each of which is substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₆alkyl)amino, C₁-C₂haloalkyl, and C₁-C₅haloalkoxy.
 - 51. (Original) A compound or salt according to Claim 50, wherein
- R_{25} represents a di-(C_1 - C_6 alkyl)amino substituent and 0 to 2 additional substituents independently chosen from halogen, hydroxy, cyano, amino, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di-(C_1 - C_6 alkyl)amino, C_1 - C_2 haloalkyl, and C_1 - C_2 haloalkoxy.
- 52. (Currently Amended) A compound or salt according to any one of Claims 1, 2, or 24 to 38 Claim 2 of Formula 25, wherein

$$R_{25}$$
 R_{27}
 R_{27}
 R_{27}
 R_{27}
 R_{27}
 R_{27}
 R_{27}

Formula 25

R₂₅ represents 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₁-C₂haloalkyl, and C₁-C₂haloalkoxy; and R₂₇ represents 0 to 2 substituents independently chosen from halogen, hydroxy, cyano, amino, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₁-C₂haloalkyl, and C₁-C₂haloalkoxy.

53. (Original) A compound or salt according to Claim 52, wherein

- R_{25} represents a di-(C_1 - C_6 alkyl)amino substituent and 0 to 2 additional substituents independently chosen from halogen, hydroxy, cyano, amino, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di-(C_1 - C_6 alkyl)amino, C_1 - C_2 haloalkyl, and C_1 - C_2 haloalkoxy.
 - 54. (Currently Amended) A compound or salt according any one of Claims 1, 2 or 24 to 38 to Claim 2 of Formula 26, wherein

Formula 26

q is an integer from 1 to 5; and

 R_{31} and R_{32} are independently chosen from C_1 - C_6 alkyl and phenyl; each of which is substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, nitro, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di- $(C_1$ - C_4 alkyl)amino, C_1 - C_2 haloalkyl, and C_1 - C_2 haloalkoxy.

55. (Currently Amended) A compound or salt according to any one of Claims 1, 2, or 24 to 38 Claim 2 of Formula 27, wherein

$$X Y N N A_2$$

$$R_1 R_2$$

Formula 27

wherein

R₁₈ represents 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, nitro, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₁-C₂haloalkyl, C₁-C₂haloalkoxy, and phenyl.

- 56. (Original) A compound or salt according to Claim 55 wherein X is oxygen and Y is -CH₂-.
- 57. (Original) A compound or salt according to Claim 55 wherein X and Y are absent.
- 58. (Currently Amended) A compound or salt according to any one of Claims 1, 2, or 24 to 38 Claim 2, wherein
- A₁ is 5-membered heteroaryl group selected from furan-2-yl, furan-3-yl, isoxazol-3-yl, isoxazol-4-yl, thiophen-2-yl, thiophen-3-yl, pyrrol-2-yl, pyrrol-3-yl, and pyrazolyl; each of which is substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, nitro, C₁-C₄alkyl, C₂-C₄alkenyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₁-C₂haloalkyl, C₁-C₂haloalkoxy, and phenyl.
 - 59. (Original) A compound or salt according to Claim 58 wherein X is oxygen and Y is -CH₂-.
 - 60. (Original) A compound or salt according to Claim 58 wherein X and Y are absent.
 - 61. (Currently Amended) A compound or salt according to any one of Claims 1, 2, or 24 to 38

Claim 2, wherein

A₁ is pyridin-2-yl or pyridin-3-yl, each of which is substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, nitro, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₁-C₂haloalkyl, C₁-C₂haloalkoxy, and phenyl.

- 62. (Original) A compound or salt according to Claim 61 wherein X is oxygen and Y is -CH₂-.
- 63. (Original) A compound or salt according to Claim 61 wherein X and Y are absent.
- 64. (Currently Amended) A compound or salt according to any one of Claims 1, 2, or 24 to 38 Claim 2 of Formula 28, wherein

$$R_{28} \xrightarrow{N} \xrightarrow{N} \xrightarrow{N} \xrightarrow{N} A_2$$

$$R_{29}$$

Formula 28

wherein

R₂₈ is phenyl or pyridyl, each of which is substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, nitro, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₁-C₂haloalkyl, and C₁-C₂haloalkoxy; and

 R_{29} is hydrogen, methyl or ethyl.

65. (Original) A compound or pharmaceutically acceptable salt of Formula IB, wherein

Formula IB

A₁ is di-(C₁-C₈alkyl)amino, an N-(C₁-C₆alkyl)-N-phenyl-amino group, an N-(C₁-C₆alkyl)-N-pyridyl amino group, a 5- to 7-membered monocyclic heterocycloalkyl group covalently bound to a point of attachment in Formula IB via a Nitrogen atom, a 5- to 7-membered monocyclic partially unsaturated heterocyclic group covalently bound to a point of attachment in Formula IB via a Nitrogen atom, a 5- to 7- membered heterocycloalkyl group covalently bound to a point of attachment in Formula IB via a Carbon atom which is adjacent to a Nitrogen atom, or an 8- to 11-membered bicyclic heterocycloalkyl in which the rings are fused or spiro covalently bound to a

- point of attachment in Formula IB via a Nitrogen atom;
- A₂ is C₃-C₈ cycloalkyl, a partially unsaturated or aromatic carbocyclic group, or a saturated, partially unsaturated, or aromatic heterocyclic group;
- each of which A_1 and A_2 is substituted with 0 to 5 substituents independently chosen from (a), (b), and (c), where
- (a) is independently chosen from halogen, hydroxy, cyano, amino, nitro, oxo, -COOH, -CONH₂, -SO₂NH₂, -SH, C₁-C₂haloalkyl, and C₁-C₂haloalkoxy,
- (b) is independently chosen from C₁-C₆alkyl, C₂-C₆alkenyl, C₂-C₆alkynyl, C₁-C₆alkoxy, C₂-C₆alkenyloxy, C₁-C₄alkoxy(C₁-C₄alkyl), amino(C₁-C₆)alkyl, mono- and di-(C₁-C₆alkyl)amino, mono- and di-(C₁-C₄alkyl)aminoC₁-C₄alkyl, C₂-C₆alkanoyl, C₂-C₈alkanoyloxy, C₁-C₈alkoxycarbonyl, -mono- and di-(C₁-C₆alkyl)carboxamide, (C₃-C₇cycloalkyl)carboxamide, mono- and di-(C₁-C₆alkyl)sulfonamide, C₁-C₆alkylthio, aryl(C₀-C₄alkyl)thio, C₁-C₆alkylsulfinyl, and C₁-C₆alkylsulfonyl, and
- (c) is $-GR_a$ where G is chosen from $-(CH_2)_n$, C_2 - C_4 alkenyl, C_2 - C_4 alkynyl, $-(CH_2)_nO(CH_2)_m$, and $-(CH_2)_nN(CH_2)_m$, where n and m are independently 0, 1, 2, 3, or 4; and
- R_a is chosen from C_3 - C_8 cycloalkyl, C_2 - C_7 monocyclic heterocycloalkyl, C_5 - C_{10} bicyclicheterocycloalkyl, indanyl, tetrahydronapthyl, aryl, and heteroaryl;
- each of which (b) and (c) is substituted with 0 to 5 substituents independently chosen from halogen, hydroxy, amino, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₂-C₄alkanoyl, C₁-C₄alkoxycarbonyl, C₁-C₂haloalkyl, C₁-C₂haloalkoxy, and phenyl;
- W is O, S, NR, or absent, where R is hydrogen or R is C₁-C₆alkyl or aryl(C₀-C₄alkyl), each of which is substituted with 0 to 5 substitutents independently chosen from halogen, hydroxy, cyano, amino, nitro, oxo, C₁-C₂haloalkyl, C₁-C₂haloalkoxy, C₁-C₆alkyl, C₁-C₆alkoxy, and mono- and di-(C₁-C₆alkyl)amino;
- V is C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_3 - C_7 cycloalkyl, or absent; and when V is absent, W is absent;
- Y is C₁-C₆ alkyl substituted with
 - 0 or 1 of C_3 - C_7 cycloalkyl, a 5- to 7-membered monocyclic heterocycloalkyl, or 8- to 11- membered bicyclic heterocycloalkyl in which the rings are fused or spiro; each of which substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, cyano, amino, nitro, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di- $(C_1$ - C_4 alkyl)amino, C_1 - C_2 haloalkyl, and C_1 - C_2 haloalkoxy; or

Y is absent;

R₁ and R₂ are independently hydrogen or C₁-C₆alkyl, C₂-C₆ alkenyl, or C₂-C₆ alkynyl, each of which is substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, amino, C₁-C₄alkoxy, C₁-C₂haloalkyl, and C₁-C₂haloalkoxy, or R₁ and R₂ are joined to form a 5- to 7-

membered saturated or mono-unsaturated ring optionally containing one additional heteroatom chosen from N, S, and O, which 5- to 7-membered saturated or mono-unsaturated ring is substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, amino, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di- $(C_1$ - C_4 alkyl)amino, C_1 - C_2 haloalkyl, and C_1 - C_2 haloalkoxy.

- 66. (Original) A compound or salt according to Claim 65 wherein V and W are absent.
- 67. (Original) A compound or salt according to Claim 65 in which Y is absent.

Claims 68-70 (Canceled)

- 71. (Currently Amended) A compound or salt according to Claim $\frac{70}{67}$ in which R_1 and R_2 are independently hydrogen or methyl.
- 72. (Currently Amended) A compound or salt according to any one of Claims 65 to 71 Claim 71 wherein
- A₂ is C₅-C₇cycloalkyl, phenyl, pyridyl, naphthyl, pyrimidinyl, pyrazinyl, benzothiazolyl, benzodioxyl, quinolinyl, or isoquinolinyl, each of which is substituted with 0 to 5 substituents independently chosen from (a), (b), and (c) where
- (a) is chosen from halogen, hydroxy, cyano, amino, nitro, oxo, -COOH, -CONH₂, -SO₂NH₂, -SH, C₁-C₂haloalkyl, and C₁-C₂haloalkoxy,
- (b) is chosen from C₁-C₆alkyl, C₂-C₆alkenyl, C₂-C₆alkynyl, C₁-C₆alkoxy, C₂-C₆alkanoyl, and C₁-C₈alkoxycarbonyl, and
- (c) is -GR_a where G is chosen from -(CH₂)_n-, C₂-C₄alkenyl, C₂-C₄alkynyl, -(CH₂)_nO(CH₂)_m-, and (CH₂)_nN(CH₂)_m-, where n and m are independently 0, 1, 2, 3, or 4; and R_a is chosen from C₃C₈cycloalkyl, piperidinyl, piperazinyl, morpholinyl, tetrahydroisoquinolinyl, indanyl,
 tetrahydronaphthyl, phenyl, pyridyl, benzothiophenyl, and benzofuranyl;
- each of which (b) and (c) is substituted with 0 to 5 substituents independently chosen from halogen, hydroxy, amino, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₂-C₄alkanoyl, C₁-C₄alkoxycarbonyl, C₁-C₂haloalkyl, C₁-C₂haloalkoxy, and phenyl.
 - Claim 73. (Original) A compound of Formula II

$$\begin{array}{c|c}
J & Z & S \\
 & N & N & N \\
 & R_1 & R_2
\end{array}$$

Formula II

or a pharmaceutically acceptable salt thereof wherein

- A₂ is C₃-C₈ cycloalkyl, a partially unsaturated or aromatic carbocyclic group, a saturated, partially unsaturated, or an aromatic heterocyclic group substituted with 0 to 5 substituents independently chosen from:
- (a) halogen, hydroxy, cyano, amino, nitro, oxo, -COOH, -CONH $_2$, -SO $_2$ NH $_2$, -SH, C $_1$ -C $_2$ haloalkyl, and C $_1$ -C $_2$ haloalkoxy, and
- (b) C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 alkoxy, C_2 - C_6 alkenyloxy, C_1 - C_4 alkoxy(C_1 - C_4 alkyl), amino(C_1 - C_6) alkyl, mono- and di-(C_1 - C_6 alkyl) amino, mono- and di-(C_1 - C_4 alkyl) amino C_1 - C_4 alkyl, C_2 - C_6 alkanoyl, C_2 - C_8 alkanoyloxy, C_1 - C_8 alkoxycarbonyl, -mono- and di-(C_1 - C_6 alkyl) carboxamide, (C_3 - C_7 cycloalkyl) carboxamide, mono- and di-(C_1 - C_6 alkyl) sulfonamide, C_1 - C_6 alkylthio, aryl(C_0 - C_4 alkyl)thio, C_1 - C_6 alkylsulfinyl, and C_1 - C_6 alkylsulfonyl, and
- (c) –GR_a where

G is chosen from -(CH₂)_n-, C₂-C₄alkenyl, C₂-C₄alkynyl, -(CH₂)_nO(CH₂)_m-, and -(CH₂)_nN(CH₂)_m-, where n and m are independently 0, 1, 2, 3, or 4; and

R_a is chosen from C₃-C₈cycloalkyl, C₂-C₇monocyclic heterocycloalkyl, C₅-

C₁₀bicyclicheterocycloalkyl, indanyl, tetrahydronapthyl, aryl, and heteroaryl;

each of which (b) and (c) is substituted with 0 to 5 substituents independently chosen from halogen, hydroxy, amino, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₂-C₄alkanoyl, C₁-C₄alkoxycarbonyl, C₁-C₂haloalkyl, C₁-C₂haloalkoxy, and phenyl;

V is C₁-C₆ alkyl, C₂-C₆alkenyl, or absent; and

Z is carbonyl, thiocarbonyl, or imino;

R₁ and R₂ are independently

hydrogen, or

- C_1 - C_6 alkyl, C_2 - C_6 alkenyl, or C_2 - C_6 alkynyl, each of which is substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, amino, C_1 - C_4 alkoxy, C_1 - C_2 haloalkyl, and C_1 - C_2 haloalkoxy, or
- R₁ and R₂ are joined to form a 5- to 7-membered saturated or mono-unsaturated ring optionally containing one additional heteroatom chosen from N, S, and O, which 5- to 7-membered saturated or mono-

unsaturated ring is substituted with 0 to 3 substituents independently chosen from halogen, hydroxy, amino, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di- $(C_1$ - C_4 alkyl)amino, C_1 - C_2 haloalkyl, and C_1 - C_2 haloalkoxy;

the group:



is a group of Formula (i)

that is a saturated, partially unsaturated, or aromatic heterocyclic group where J is O, S, or NR₃ substituted with 0 to 5 substituents independently chosen from: (a), (b), and (c) above; and

 R_3 is

- (d) hydrogen, C₁-C₂haloalkyl, or C₁-C₂haloalkoxy;
- (e) C₁-C₆alkyl, C₂-C₆alkenyl, C₂-C₆alkynyl, C₁-C₄alkoxy(C₁-C₄alkyl), or amino(C₁-C₆)alkyl, or
- (f) -LR_b where

L is chosen from -(CH₂)_r-, C₂-C₄alkenyl, C₂-C₄alkynyl, -(CH₂)_rO(CH₂)_s-, and -(CH₂)_rN(CH₂)_s-, where r and s are independently 0, 1, 2, 3, or 4; and

 R_b is chosen from C_3 - C_8 cycloalkyl, C_2 - C_7 monocyclic heterocycloalkyl, C_5 -

 $C_{10} bicyclicheterocycloalkyl, indanyl, tetrahydronapthyl, aryl, and heteroaryl; \\ each of which (e) and (f) is substituted with 0 to 5 substituents independently chosen from halogen, \\ hydroxy, amino, <math>C_1$ - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di- $(C_1$ - C_4 alkyl)amino, C_1 - C_2 haloalkyl, C_1 - C_2 haloalkoxy, and phenyl.

- 74. (Original) A compound or salt according to Claim 73 wherein Z is carbonyl.
- 75. (Currently Amended) A compound or salt according to Claim 73 or Claim 74 wherein V is absent or V is C_1 - C_4 alkyl.
- 76. (Currently Amended) A compound or salt according to any one of Claims 73 to 75 Claim 75 wherein R_1 and R_2 are independently hydrogen or methyl.
- 77. (Currently Amended) A compound or salt according to any one of Claims 73 to 76 Claim 76 wherein
- A₂ is C₅-C₇cycloalkyl, phenyl, pyridyl, naphthyl, pyrimidinyl, pyrazinyl, benzothiazolyl, benzodioxyl, quinolinyl, or isoquinolinyl, each of which is substituted with 0 to 5 substituents independently

chosen from (a), (b), and (c).

78. (Currently Amended) A compound or salt according to any one of Claims 73 to 77 Claim 77 wherein

A₂ is C₅-C₇cycloalkyl, phenyl, pyridyl, naphthyl, benzothiazolyl, benzodioxyl, quinolinyl, or isoquinolinyl, each of which is substituted with 0 to 5 substituents independently chosen from

- (a) halogen, hydroxy, cyano, amino, nitro, oxo, -COOH, -CONH₂, -SO₂NH₂, -SH, C_1 - C_2 haloalkyl, and C_1 - C_2 haloalkoxy,
- (b) C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 alkoxy, C_2 - C_6 alkanoyl, and C_1 - C_8 alkoxycarbonyl, and (c) $-GR_a$ where

G is chosen from -(CH₂)_n-, C₂-C₄alkenyl, C₂-C₄alkynyl, -(CH₂)_nO(CH₂)_m-, and -(CH₂)_nN(CH₂)_m-, where n and m are independently 0, 1, 2, 3, or 4; and

 R_a is chosen from C_3 - C_8 cycloalkyl, piperidinyl, piperazinyl, morpholinyl, tetrahydroisoquinolinyl, indanyl, tetrahydronaphthyl, phenyl, pyridyl, benzothiophenyl, and benzofuranyl;

each of which (b) and (c) is substituted with 0 to 5 substituents independently chosen from halogen, hydroxy, amino, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₂-C₄alkanoyl, C₁-C₄alkoxycarbonyl, C₁-C₂haloalkyl, C₁-C₂haloalkoxy, and phenyl.

79. (Currently Amended) A compound or salt according to any one of Claims 73 to 78 Claim 78 wherein



is a group of Formula (i)

where Formula (i) is a heteroaryl group that is pyridyl, pyrimidinyl, thienyl, pyrrolyl, furanyl, pyrazolyl, imidazolyl, thiazolyl, thiadiazolyl, oxazolyl, isoxazolyl, benzofuranyl, benzothiazolyl, benzothiophenyl, benzoxadiazolyl, benzo[d]oxazolyl, dihydrobenzodioxynyl, indolyl, pyrazolopyrimidinyl, or thienylpyrazolyl oriented such that the heteroatom J is adjacent to the point of attachment of the group of Formula (i)

the group of Formula (i) is substituted with 0 to 5 substituents independently chosen from: (a), (b), and (c);

J is S, O, or NR₃; and

 R_3 is

(d) hydrogen, C₁-C₂haloalkyl, or C₁-C₂haloalkoxy;

(e) C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_4 alkoxy(C_1 - C_4 alkyl), or amino(C_1 - C_6)alkyl, or (f) $-LR_b$ where

 $\label{eq:List_chosen} L \mbox{ is chosen from -(CH_2)_r-, C_2-$C_4alkenyl, C_2-$C_4alkynyl, -(CH_2)_rO(CH_2)_s$-, and } \\ -(CH_2)_rN(CH_2)_s$-, where r and s are independently 0, 1, 2, 3, or 4; and } \\$

 R_{b} is chosen from $C_{3}\text{-}C_{8}\text{cycloalkyl},\,C_{2}\text{-}C_{7}\text{monocyclic heterocycloalkyl},\,C_{5}\text{-}$

 $C_{10} bicyclicheterocycloalkyl, indanyl, tetrahydronapthyl, aryl, and heteroaryl; \\ each of which (e) and (f) is substituted with 0 to 5 substituents independently chosen from halogen, \\ hydroxy, amino, <math>C_1$ - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di- $(C_1$ - C_4 alkyl)amino, C_1 - C_2 haloalkyl, C_1 - C_2 haloalkoxy, and phenyl.

80. (Original) A compound or salt of Claim 79 wherein wherein



is a group of Formula (i)

where Formula (i) is a heteroaryl group that is pyridyl, pyrimidinyl, thienyl, pyrrolyl, furanyl, pyrazolyl, imidazolyl, thiazolyl, thiadiazolyl, oxazolyl, isoxazolyl, benzofuranyl, benzothiazolyl, benzothiophenyl, benzoxadiazolyl, benzo[d]oxazolyl, dihydrobenzodioxynyl, indolyl, pyrazolopyrimidinyl, or thienylpyrazolyl oriented such that the heteroatom J is adjacent to the point of attachment of the group of Formula (i) in Formula II;

the group of Formula (i) is substituted with 0 to 5 substituents independently chosen from:

- (a) halogen, hydroxy, cyano, amino, nitro, oxo, -COOH, -CONH₂, -SO₂NH₂, -SH, C₁-C₂haloalkyl, and C₁-C₂haloalkoxy, and
- $\textbf{(b)} \ C_1\text{-}C_6 alkyl, \ C_2\text{-}C_6 alkenyl, \ C_2\text{-}C_6 alkoxy, \ C_2\text{-}C_6 alkanoyl, \ and \ C_1\text{-}C_8 alkoxy carbonyl, \ constraints of the constraints o$
- (c) -GR_a where

G is chosen from -(CH₂)_n-, C₂-C₄alkenyl, C₂-C₄alkynyl, -(CH₂)_nO(CH₂)_m-, and -(CH₂)_nN(CH₂)_m-, where n and m are independently 0, 1, 2, 3, or 4; and

 R_a is chosen from C_3 - C_8 cycloalkyl, piperidinyl, piperazinyl, morpholinyl, tetrahydroisoquinolinyl, indanyl, tetrahydronaphthyl, phenyl, pyridyl, benzothiophenyl, and benzofuranyl;

each of which (b) and (c) is substituted with 0 to 5 substituents independently chosen from halogen,

hydroxy, amino, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, mono- and di- $(C_1$ - C_4 alkyl)amino, C_2 - C_4 alkanoyl, C_1 - C_4 alkoxycarbonyl, C_1 - C_2 haloalkyl, C_1 - C_2 haloalkoxy, and phenyl;

J is S, O, or NR₃, and

R₃ is

- (d) hydrogen,
- (e) C₁-C₆alkyl, or
- (f) -LR_b where

L is chosen from $-(CH_2)_r$, $-(CH_2)_rO(CH_2)_s$, and $-(CH_2)_rN(CH_2)_s$, where r and s are independently 0, 1, 2, 3, or 4; and

R_b is chosen from C₃-C₈cycloalkyl, piperidinyl, piperazinyl, morpholinyl, indanyl, tetrahydronapthyl, phenyl, and pyridyl;

each of which (e) and (f) is substituted with 0 to 5 substituents independently chosen from halogen, hydroxy, amino, C₁-C₄alkyl, C₁-C₄alkoxy, mono- and di-(C₁-C₄alkyl)amino, C₁-C₂haloalkyl, C₁-C₂haloalkoxy, and phenyl.

81. (Original) A compound or pharmaceutically acceptable salt thereof, in which the compound is selected from

1-(Furan-2-carbonyl)-3-(4-benzo[d]thiazol-2-yl-phenyl)-thiourea;

1-(Benzofuran-2-yl-carbonyl)-3-[5-(benzo[d]oxazol-2-yl)-2-methyl]phenylthiourea;

1-(3-(Benzo[d]thiazol-2-yl)phenyl)-3-(2-phenoxyacetyl) thiourea;

1-(4-(Benzo[d]oxazol-2-yl)phenyl)-3-propionylthiourea;

1-(Pyridin-3-carbonyl)-3-(4-benzo[d]thiazol-2-yl-phenyl)-thiourea;

1-[3-(2-chlorophenyl-5-methyl-isoxazol-4-yl)-carbonyl]-3-(4-isopropylphenyl)thiourea;

Butyl4-(3-(2-phenoxyacetyl) thioureido)benzoate;

Butyl 4-(3-acetylthioureido)benzoate;

Butyl 4-(3-(2-(3-chlorophenoxy) acetyl) thioureido)benzoate;

Butyl 4-(3-(3-phenoxypropanoyl) thioureido)benzoate;

Butyl 4-(3-(2-(naphthalen-3-yloxy)acetyl)thioureido)benzoate;

Butyl 4-(3-(benzofuran-2-yl-carbonyl)thioureido)benzoate;

Ethyl 2-(4-(3-(2-phenoxyacetyl)thioureido)phenyl)acetate;

Ethyl 4-(3-(2-phenoxyacetyl)thioureido)benzoate;

Butyl 4-(3-(2-methoxyacetyl) thioureido)benzoate;

Butyl 4-(3-(2-(2,4-dichlorophenoxy) acetyl)thioureido)benzoate;

Butyl 4-(3-(2-(4-tert-butylphenoxy) acetyl)thioureido)benzoate;

Butyl 4-(3-(2-(4-(benzyloxy) phenoxy)acetyl)thioureido)benzoate;

Butyl 4-(3-(2-(2-methoxyphenoxy) acetyl)thioureido)benzoate;

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Butyl 4-(3-(2-(o-tolyloxy)acetyl)thioureido)benzoate;
Butyl 4-(3-(2-(2,4,6-trichlorophenoxy)acetyl)thioureido)benzoate;
Butyl 4-(3-(3,4-dichlorophenyl) carbonyl)thioureido)benzoate;
1-(3,4-dichlorophenyl-carbonyl)-3-(3-trifluromethylphenyl)thiourea;
1-(3.4-Dichlorophenyl-carbonyl)-3-(3-benzoxy-phenyl)thiourea;
1-(3,4-Dichlorophenyl-carbonyl)-3-(3-phenoxy-phenyl)thiourea;
1-(3.4-Diflurophenyl-carbonyl)-3-(3-(5-methylfuran-2-yl)-phenyl)thiourea;
Butyl 4-(3-(naphth-2-yl) carbonyl)thioureido)benzoate;
Butyl 4-(3-(4-cyanophenyl) carbonyl)thioureido)benzoate;
Butyl 4-(3-(methylacetate) carbonyl)thioureido)benzoate;
1-((Benzofuran-2-yl-carbonyl)-3-(4-(phenoxy)-phenyl)thiourea;
Butyl 4-(3-(2-(3,4-dichlorophenoxy)acetyl)thioureido)benzoate;
1-(4-Butylphenyl)-3-(2-phenoxyacetyl)thiourea;
(Amino-(3-(benzyloxy)phenyl) methanethiocarbamoyl)methyl acetate;
1-(3-(Methylthio)propanoyl)-3-(3-(benzyloxy)phenyl)thiourea;
1-(2-(2-Chlorophenoxy)acetyl)-3-(3-(benzyloxy)phenyl)thiourea;
Butyl 4-(3-(naphth-1-yl) carbonyl)thioureido)benzoate;
(S)-1-(Amino-N-p-(butylacetate) methanethiocarbamoyl)ethyl acetate;
Butyl 4-(3-(2-(2-methoxyethoxy)acetyl)thioureido)benzoate;
(AminoN-(4-cyclohexylphenyl)methanethiocarbamoyl)(phenyl)methyl acetate;
Ethyl 3-(amino-N-(4-cyclohexylphenyl)methanethiocarbamoyl)propanoate;
1-Butyryl-3-(4-cyclohexylphenyl)thiourea;
(S)-1-(Amino-N-(4-cyclohexylphenyl)methanethiocarbamoyl)ethyl acetate;
1-(3-(Benzyloxy)phenyl)-3-(2-hydroxyacetyl)thiourea;
Butyl 4-(3-(2-(2,6-dichlorophenoxy) acetyl)thioureido)benzoate;
Butyl 4-(3-(2-(3-methoxyphenoxy) acetyl) thioureido)benzoate;
1-[(1-methyimidazol-2-yl) -carbonyl]-3-(3-benzoxy-phenyl)thiourea;
*tert-Butyl 2-(aminoN-(3-(benzyloxy) phenyl)methanethiocarbamoyl) pyrrolidone-1-carboxylate;
Butyl 4-(3-(pyrrolidin-1-yl) carbonyl)thioureido)benzoate;
Butyl 4-(3-(1-methyl-benzofuran-2-yl) carbonyl)thioureido)benzoate;
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1-(4-Hexylphenyl)-3-(2-phenoxyacetyl)thiourea;

1-(4-(Pentyloxy)phenyl)-3-(2-phenoxyacetyl)thiourea;

1-((Benzofuran-2-yl-carbonyl)-3-(4-pentyloxy)-phenyl)thiourea;

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1-(4-Pentylphenyl)-3-(2-phenoxyacetyl)thiourea;
1-((Benzofuran-2-yl-carbonyl)-3-(4-pentyl)-phenyl)thiourea;
1-((Benzofuran-2-yl-carbonyl)-3-(4-pentyloxy)-phenyl)thiourea;
1-(4-Butoxyphenyl)-3-(2-phenoxyacetyl)thiourea;
1-((Benzofuran-2-yl-carbonyl)-3-(3-phenyl)-phenyl)thiourea;
1-(2-Phenoxyacetyl)-3-(3-phenyl)-phenylthiourea;
Isopropyl 4-(3-(benzofuran-2-yl) carbonyl)thioureido)benzoate;
1-(2-phenoxyacetyl)-3-94-fluoro-phenyl)-phenylthiourea;
1-(3-benzylphenyl)-3-(2-phenoxyacetyl)thiourea;
1-((Benzofuran-2-yl-carbonyl)-3-(3-benzyl)-phenyl)thiourea;
1-((Benzofuran-2-yl-carbonyl)-3-(4-benzyl)-phenyl)thiourea;
1-(4-(p-Tolyloxy)phenyl)-3-(2-phenoxyacetyl)thiourea;
Isobutyl 4-(3-(benzofuran-2-yl) carbonyl)thioureido)benzoate;
Isobutyl 4-(3-(2-phenoxyacetyl)thioureido)benzoate;
1-(2-(phenylmethanone)phenyl)-3-(2-phenoxyacetyl)thiourea;
1-(3-(Phenylcarbamoyl)phenyl)-3-(2-phenoxyacetyl)thiourea;
1-(3-(2-Methylpyrimidin-4-yl)phenyl)-3-(2-phenoxyacetyl)thiourea;
1-(4-(4-Chlorophenoxy)phenyl)-3-(2-phenoxyacetyl)thiourea;
1-((Benzofuran-2-yl-carbonyl)-3-(4-Chlorophenoxy)-phenyl)thiourea;
1-(4-(3,4-Dihydroisoquinolin-2(1H)-yl)phenyl)-3-(2-phenoxyacetyl)thiourea;
1-(3-Fluoro-4-(octahydroquinolin-1(2H)-yl)phenyl)-3-(2-phenoxyacetyl)thiourea;
1-(3-Fluoro-4-(octahydroguinolin-1(2H)-vl)phenyl)-3-(2-phenoxyacetyl)thiourea;
1-(3-Fluoro-4-(piperidin-1-yl)phenyl)-3-(2-phenoxyacetyl)thiourea;
1-((Benzofuran-2-yl-carbonyl)-3-(3-fluoro-4-(piperidin-1-yl)phenyl)-phenyl)thiourea;
1-(3-(3-Methoxybenzyloxy) phenyl)-3-(2-phenoxyacetyl) thiourea;
1-((Benzofuran-2-yl-carbonyl)-3-(3-(3-methoxybenzyloxy)) phenyl)-phenyl)thiourea;
1-(3-(2-Methoxybenzyloxy) phenyl)-3-(2-phenoxyacetyl) thiourea;
1-((Benzofuran-2-yl-carbonyl)-3-(3-(2-Methoxybenzyloxy) phenyl)-thiourea;
1-(3-(4-Methoxybenzyloxy) phenyl)-3-(2-phenoxyacetyl) thiourea;
1-((Benzofuran-2-yl-carbonyl)-3-(3-(cyclohexylmethoxy) phenyl)-thiourea;
1-(3-(Cyclohexylmethoxy) phenyl)-3-(2-phenoxyacetyl)thiourea;
1-((Benzofuran-2-yl-carbonyl)-3-(4-(5,6-dihydropyridin-1(2H)-yl))phenyl)-thiourea;
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1-((5-Methoxy-benzofuran-2-yl-carbonyl)-3-(3-benzyloxy-phenyl)-thiourea;

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Butyl 4-(3-(5-chloro-benzofuran-2-yl) carbonyl)thioureido)benzoate:
1-(7-Methoxy-benzofuran-2-yl-carbonyl)-3-(3-methoxybenzyloxy)phenyl)-phenyl)thiourea;
1-(2,3,4-tetrahydronapthalen-2-yl-carbonyl)-3-(3-(3-methoxybenzyloxy))phenyl)-phenyl)thiourea;
1-(2-(4-(Trifluoromethoxy) phenoxy) acetyl)-3-(3-(benzyloxy)phenyl) thiourea;
1-(3-(Benzyloxy)phenyl)-3-(2-(pyridin-3-yloxy)acetyl) thiourea;
1-(4-oxo-4-H-chromen-2-yl-carbonyl)-3-(3-methoxybenzyloxy)phenyl)-phenyl)thiourea;
1-(3-(Benzyloxy)phenyl)-3-(2-(pyridin-2-yloxy)acetyl) thiourea;
1-(Pyridin-2-yl-carbonyl)-3-(3-methoxybenzyloxy)phenyl)-phenyl)thiourea;
1-(3-Chloro-benzo[b]thiophen-2-yl-carbonyl)-3-(3-ethoxybenzyloxy)phenyl)-phenyl)thiourea;
1-(4-Trifluoromethoxy-phenyl-carbonyl)-3-(3-ethoxybenzyloxy)phenyl)-phenyl)thiourea;
1-(5-Methylisoxazol-3-yl-carbonyl)-3-(3-ethoxybenzyloxy)phenyl)-phenyl)thiourea;
1-(2-Methyl-5-phenyl-furan-3-yl-carbonyl)-3-(3-ethoxybenzyloxy)phenyl)-phenyl)thiourea;
1-(4-Trifluoromethyl-phenyl)-a-(3-ethoxybenzyloxy)phenyl)-phenyl)thiourea;
1-(3-Chloro-benzo[b]thiophen-2-yl-carbonyl)-3-(3-phenyloxy)phenyl)-phenyl)thiourea;
1-(4-Trifluoromethoxyphenyl-carbonyl)-3-(3-phenyloxy)phenyl)-phenyl)thiourea;
1-(3,5-Dimethylisoxazol-4-yl-carbonyl)-3-(3-phenyloxy)phenyl)-phenyl)thiourea;
1-(5-Methylisoxazol-3-yl-carbonyl)-3-(3-phenyloxy)phenyl)-phenyl)thiourea;
1-(4-Trifluoromethylphenyl-carbonyl)-3-(3-phenyloxy)phenyl)-phenyl)thiourea;
(S)-1-(Amino-N-(3-(benzyloxy) phenyl)methanethiocarbamoyl)ethyl acetate;
(S)-1-(Amino-N-(3-phenoxyphenyl)methane thiocarbamovl)ethyl acetate;
(S)-1-(Amino-N-(3-benzyl-phenyl)methanethiocarbamoyl)ethyl acetate;
Ethyl 1-(2-fluoro-4-(3-(benzofuran-2-yl-carbonyl)thioureido)phenyl)-4-phenylpiperidine-4-carboxylate;
1-(4-Trifluoromethylphenyl-carbonyl)-3-(2-phenylbenzo[d][1,3]dioxol-6-yl) phenyl)thiourea;
1-(3-Chloro-methylbenzo[b]thiophen-2-yl-carbonyl)-3-(2-phenylbenzo[d][1,3]dioxol-6-yl)
       phenyl)thiourea;
1-(4-Trifluoromethoxyphenyl-carbonyl)-3(2-phenylbenzo[d][1,3]dioxol-6-yl) thiourea;
1-(5-Methylisoxazol-3-yl-carbonyl)-3-(2-phenylbenzo[d][1,3]dioxol-6-yl) phenyl)thiourea;
1-(3-((R)-1-Phenylethoxy)phenyl)-3-(4-trifluoromethylphenyl-carbonyl)thiourea;
1-(3-((R)-1-Phenylethoxy)phenyl)-3-(3-chloro-methylbenzo[b]thiophen-2-yl-carbonyl)thiourea;
1-(3-((R)-1-Phenylethoxy)phenyl)-3-(4-trifluoromethoxy-phenyl-carbonyl)thiourea;
1-(3-((R)-1-Phenylethoxy)phenyl)-3-(5-methylisoxazol-3-yl-carbonyl)thiourea;
1-(3-((S)-1-Phenylethoxy)phenyl)-3-(4-trifluoromethylphenyl-carbonyl)-thiourea;
1-(3-((S)-1-Phenylethoxy)phenyl)-3-(4-trifluoromethoxyphenyl-carbonyl)-thiourea;
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1-(3-((S)-1-Phenylethoxy)phenyl)-3-(5-methylisoxazol-3-yl-carbonyl)-thiourea;
1-(3-(Phenethyloxy)phenyl)-3-(4-trifluoromethylphenyl-carbonyl)-thiourea;
1-(3-(Phenethyloxy)phenyl)-3-(3-chloro-methylbenzo[b]thiophen-2-yl-carbonyl)-thiourea;
1-(3-(Phenethyloxy)phenyl)-3-(4-trifluoromethoxyphenyl-carbonyl)-thiourea;
1-(3-(Phenethyloxy)phenyl)-3-(3,5-dimethylisoxazol-4-yl-carbonyl)-thiourea;
1-(3-(Phenethyloxy)phenyl)-3-(5-methylisoxazol-3-yl-carbonyl)-thiourea;
1-(3-(2,3-Dihydro-1H-inden-2-yloxy)phenyl)-3-(4-trifluoromethylphenyl-carbonyl)thiourea;
1-(3-(2,3-Dihydro-1H-inden-2-yloxy)phenyl)-3-(4-trifluoromethoxyphenyl-carbonyl)thiourea;
1-(3-(2,3-Dihydro-1H-inden-2-yloxy)phenyl)-3-(3,5-dimethylisoxazol-4-yl-carbonyl)thiourea;
1-(3-(2,3-Dihydro-1H-inden-2-yloxy)phenyl)-3-(5-methylisoxazol-3-yl-carbonyl)thiourea;
1-(2-Phenylbenzo[d][1,3]dioxol-6-yl)-3-(benzofuran-2-yl-carbonyl)thiourea;
1-(3-((S)-1-Phenylethoxy)phenyl)-3-(benzofuran-2-yl-carbonyl)-thiourea;
1-(3-(Phenethyloxy)phenyl)-3-(benzofuran-2-yl-carbonyl)-thiourea;
1-(3-(2,3-Dihydro-1H-inden-2-yloxy)phenyl)-3-(benzofuran-2-yl-carbonyl)thiourea;
1-(3-((R)-1-Phenylethoxy)phenyl)-3-(benzofuran-2-yl-carbonyl)thiourea;
1-(2.4-dimethylthiazol-5-yl-carbonyl)-3-(3-phenyloxy)phenyl)-phenyl)thiourea;
1-(1-methyl-pyrrol-2-yl-carbonyl)-3-(3-(benzyloxy)phenyl)thiourea;
1-(3-(Phenethyloxy)phenyl)-3-((2,7-dimethylpyrazolo[1,5-a]pyrimidin-6-yl)-carbonyl)-thiourea;
1-(3-(Phenethyloxy)phenyl)-3-(1-ethyl-3-methyl-1H-pyrazol-5-yl-carbonyl)-thiourea;
1-(3-(2,3-Dihydro-1H-inden-2-yloxy)phenyl)-3-(2,4-dimethylthiazol-5-yl-carbonyl)thiourea;
1-(3-(2,3-Dihydro-1H-inden-2-yloxy)phenyl)-3-((2,7-dimethylpyrazolo[1,5-a]pyrimidin-6-yl)-
        carbonyl)thiourea;
1-(3-(2,3-Dihydro-1H-inden-2-yloxy)phenyl)-3-(1-ethyl-3-methyl-1H-pyrazol-5-yl-carbonyl)thiourea;
1-(4-Methyl-1,2,3-thiadiazol-5-yl-carbonyl)-3-(3-phenyloxy)phenyl)-phenyl)thiourea;
1-(Benzo[d]thiazol-2-yl-carbonyl)-3-(3-phenyloxy)phenyl)-phenyl)thiourea;
1-(4-Methyl-1,2,3-thiadiazol-5-yl-carbonyl)-3-(3-(benzyloxy) phenyl)thiourea;
1-(Benzo[d]thiazol-2-yl-carbonyl)-3-(3-(benzyloxy) phenyl)thiourea;
1-(Benzofuran-2-yl-carbonyl)-3-(3-fluoro-5-pentoxy-phenyl)thiourea;
1-(2-Methyl-pyridin-3-yl-carbonyl)-3-(3-(benzyloxy) phenyl)thiourea;
1-(1-phenyl-1H-pyrazol-5-yl-carbonyl)-3-(3-(benzyloxy) phenyl)thiourea;
1-(1-phenyl-1H-pyrazol-5-yl)-3-((3-phenyloxy)phenyl)-phenyl)thiourea;
1-(2-\text{Phenylbenzo}[d][1,3]\text{dioxol-6-yl}-3-(1-\text{phenyl-1}H-\text{pyrazol-5-yl-carbonyl})\text{thiourea};
1-(1-phenyl-1H-pyrazol-5-yl)-3-(4-pentoxy-phenyl)-phenyl)thiourea;
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1-(1-phenyl-1H-pyrazol-5-yl)-3-((3-phenyloxy-phenyl)-phenyl)thiourea;
1-(Methylbenzo[b]thiophen-2-yl-carbonyl)-3-((4-pentoxy-phenyl)-phenyl)thiourea;
1-(isoxazol-5-vl-carbonyl)-3-(3-(benzyloxy) phenyl)thiourea;
1-(isoxazol-5-yl-carbonyl)-3-(3-(phenoxy) phenyl)thiourea;
1-(isoxazol-5-yl-carbonyl)-3-(4-(pentyl) phenyl)thiourea;
1-(isoxazol-5-yl-carbonyl)-3-(4-(pentoxy) phenyl)thiourea;
1-(isoxazol-5-yl-carbonyl)-3-(3-(phenoxy) phenyl)thiourea;
1-(isoxazol-5-yl-carbonyl)-3-(3-(phenoxy) phenyl)thiourea;
1-((3-(trifluoromethyl)phenyl)furan-2-yl-carbonyl)-3-(3-(benzyloxy) phenyl)thiourea;
1-((3-(trifluoromethyl)phenyl)furan-2-yl-carbonyl)-3-(3-(phenoxy) phenyl)thiourea;
1-(5-Bromo-benzofuran-2-yl-carbonyl)-3-(3-(benzyloxy) phenyl)thiourea;
1-(5-Bromo-benzofuran-2-yl-carbonyl)-3-(3-(phenoxy) phenyl)thiourea;
1-(5-Nitro-benzofuran-2-yl-carbonyl)-3-(3-(benzyloxy) phenyl)thiourea;
1-(5-Nitro-benzofuran-2-yl-carbonyl)-3-(3-(phenoxy) phenyl)thiourea;
1-(5-Bromo-benzofuran-2-yl-carbonyl)-3-(4-pentyl phenyl)thiourea;
1-(5-Bromo-benzofuran-2-yl-carbonyl)-3-(4-pentoxy phenyl)thiourea;
1-(Benzofuran-2-yl-carbonyl)-3-(4-(hex-1-ynyl)phenyl) thiourea;
1-(Benzofuran-2-yl-carbonyl)-3-(3-(2-(pyridin-3-yl)ethynyl)phenyl) thiourea;
1-(Benzofuran-2-yl-carbonyl)-3-(3-(2-(pyridin-3-yl)ethyl)phenyl) thiourea;
1-(Benzofuran-2-yl-carbonyl)-3-(3-(pyridin-2-yl) phenyl) thiourea;
1-(Benzofuran-2-yl-carbonyl)-3-(3-(pyridin-2-yl-oxy)-phenyl) thiourea;
1-(3.5-Dimethylisoxazole-4-yl-carbonyl)-3-(4-(hex-1-ynyl)phenyl) thiourea;
1-(3,5-Dimethylisoxazole-4-yl-carbonyl)-3-(3-(2-(pyridin-3-yl)ethynyl)phenyl) thiourea;
1-(Benzofuran-2-yl-carbonyl)-3-((3-(trifluoromethyl)benzyloxy)-phenyl) thiourea;
1-(Benzofuran-2-yl-carbonyl)-3-(4-((1-methylpiperidin-4-yl)methoxy)-3-fluorophenyl)thiourea;
1-(Benzofuran-2-yl-carbonyl)-3-(3-(trifluoromethyl)-4-(piperidin-1-yl)phenyl)thiourea;
1-(1,3-dimethyl-1H-thieno[2,3-c]pyrazol-5-yl-carbonyl)-3-(3-(phenoxy) phenyl)thiourea;
1-(5-(2-methylthiazol-4-yl)isoxazol-3-yl-carbonyl)-3-(3-(benzyloxy) phenyl)thiourea;
1-(5-(2-methylthiazol-4-yl)isoxazol-3-yl-carbonyl)-3-(3-phenoxy-phenyl)thiourea;
1-(5-(2-methylthiazol-4-yl)isoxazol-3-yl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
1-(5-(2-methylthiazol-4-yl)isoxazol-3-yl-carbonyl)-3-(4-pentoxy-phenyl)thiourea;
1-(1,5-Dimethyl-1H-pyrazol-3-yl-carbonyl)-3-(3-(benzyloxy) phenyl)thiourea;
1-(1,5-Dimethyl-1H-pyrazol-3-yl-carbonyl)-3-(3-(phenoxy) phenyl)thiourea;
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1-(1.5-Dimethyl-1H-pyrazol-3-yl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
1-(1,5-Dimethyl-1H-pyrazol-3-yl-carbonyl)-3-(4-pentoxy-phenyl)thiourea;
1-(1-Methyl-3-tert-butyl-1H-pyrazol-3-yl-carbonyl)-3-(3-(benzyloxy) phenyl)thiourea;
1-(1-Methyl-3-tert-butyl-1H-pyrazol-3-yl-carbonyl)-3-(3-(phenoxy) phenyl)thiourea;
1-(1-Methyl-3-tert-butyl-1H-pyrazol-3-yl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
1-(2-Trifluoromethyl-5-methyl-furan-2-yl-carbonyl)-3-(3-(benzyloxy)-phenyl)thiourea;
1-(2-Trifluoromethyl-5-methyl-furan-2-yl-carbonyl)-3-(3-(phenoxy)-phenyl)thiourea;
1-(2-Trifluoromethyl-5-methyl-furan-2-yl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
1-(Benzo[c][1,2,5]oxadiazol-5-yl-carbonyl)-3-(3-(benzyloxy) phenyl)thiourea;
1-(Benzo[c][1,2,5]oxadiazol-5-yl-carbonyl)-3-(3-(phenoxy) phenyl)thiourea;
1-(Benzo[c][1,2,5]oxadiazol-5-yl-carbonyl)-3-(4-(pentyl) phenyl)thiourea;
1-(Benzo[c][1,2,5]oxadiazol-5-yl-carbonyl)-3-(4-(pentoxy) phenyl)thiourea;
1-(2,7-Dimethylpyrazolo[1,5-a]pyrimidin-6-yl-carbonyl)-3-(3-(benzyloxy)-phenyl)thiourea;
1-(2,7-Dimethylpyrazolo[1,5-a]pyrimidin-6-yl-carbonyl)-3-(3-(phenoxy)-phenyl)thiourea;
1-(2,7-Dimethylpyrazolo[1,5-a]pyrimidin-6-yl-carbonyl)-3-(4-(pentyl)-phenyl)thiourea;
1-(3-Methylisoxazol-4-yl-carbonyl)-3-(3-(benzyloxy)-phenyl)thiourea;
1-(3-Methylisoxazol-4-yl-carbonyl)-3-(3-(phenoxy)-phenyl)thiourea;
1-(3-Methylisoxazol-4-yl-carbonyl)-3-(4-(pentyl)-phenyl)thiourea;
1-(3-Methylisoxazol-4-yl-carbonyl)-3-(4-(pentoxy)-phenyl)thiourea;
1-(5-Methyl-2-phenyl-2H-1,2,3-triazol-4-yl-carbonyl)-3-(3-(benzyloxy)-phenyl)thiourea;
1-(5-Methyl-2-phenyl-2H-1,2,3-triazol-4-yl-carbonyl)-3-(3-(phenoxy)-phenyl)thiourea;
1-(5-Chloro-3-methylbenzo[b]thiophen-2-yl-carbonyl)-3-(3-(benzyloxy)-phenyl)thiourea;
1-(5-Chloro-3-methylbenzo[b]thiophen-2-yl-carbonyl)-3-(3-(phenoxy)-phenyl)thiourea;
1-(1,3-Dimethyl-1H-pyrazol-5-yl-carbonyl)-3-(3-(benzyloxy)-phenyl)thiourea;
1-(1,3-Dimethyl-1H-pyrazol-5-yl-carbonyl)-3-(3-(phenoxy)-phenyl)thiourea;
1-(1,3-Dimethyl-1H-pyrazol-5-yl-carbonyl)-3-(4-(pentyl)-phenyl)thiourea;
1-(1,3-Dimethyl-1H-pyrazol-5-yl-carbonyl)-3-(4-(pentoxy)-phenyl)thiourea;
1-(2-(Pyridin-3-yl)thiazol-4-yl-carbonyl)-3-(3-(benzyloxy)-phenyl)thiourea;
1-(2-(Pyridin-3-yl)thiazol-4-yl-carbonyl)-3-(3-(phenyloxy)-phenyl)thiourea;
1-(2-(Pyridin-3-yl)thiazol-4-yl-carbonyl)-3-(4-(pentyl)-phenyl)thiourea;
1-(2-(Pyridin-3-yl)thiazol-4-yl-carbonyl)-3-(4-(pentoxy)-phenyl)thiourea;
1-(4-Methoxy-benzofuran-2-yl-carbonyl)-3-(4-(benzyloxy)-phenyl)thiourea;
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1-(4-Methoxy-benzofuran-2-yl-carbonyl)-3-(3-fluoro-4-pentoxy-phenyl)thiourea;

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1-(Benzofuran-2-yl-carbonyl)-3-(3,5-dibromo-4-(pent-4-enyloxy)phenyl)thiourea;
1-(Benzofuran-2-yl-carbonyl)-3-(3-((pyridin-3-yl)methyl) phenyl)thiourea;
1-(5-Iodo-benzofuran-2-yl-carbonyl)-3-(3-(benzyloxy)phenyl)thiourea;
1-(5-Phenyl-benzofuran-2-yl-carbonyl)-3-(3-(benzyloxy)phenyl)thiourea;
1-(5-(2-Pyridyl)benzofuran-2-yl-carbonyl)-3-(3-(benzyloxy)phenyl)thiourea;
1-(3-Propoxy-pyridin-2-yl-carbonyl)-3-(4-(pentyl)phenyl)thiourea;
1-(2.5-Dichlorothiophen-3-yl-carbonyl)-3-(4-(pentoxy)-phenyl)thiourea;
1-(3-Methyl-5-(methylthio)-4-vinylthiophen-2-yl-carbonyl)-3-(4-(pentoxy)-phenyl)thiourea;
1-(3-Methyl-5-(methylthio)-4-vinylthiophen-2-yl-carbonyl)-3-(4-(benzyloxy)-phenyl)thiourea;
1-(5-(Methylthio)-thiophen-2-yl-carbonyl)-3-(4-(benzyloxy)-phenyl)thiourea;
1-(5,7-Dimethylpyrazolo[1,5-a]pyrimidin-2-yl-carbonyl)-3-(4-(benzyloxy)-phenyl)thiourea;
1-(2,5-Dichlorothiophen-3-yl-carbonyl)-3-(4-(phenoxy)-phenyl)thiourea;
1-(3-Methyl-5-(methylthio)-4-vinylthiophen-2-yl-carbonyl)-3-(4-(phenoxy)-phenyl)thiourea;
1-(5-(Methylthio)-thiophen-2-yl-carbonyl)-3-(4-(phenoxy)-phenyl)thiourea;
1-(7-Fluoro-benzofuran-2-yl-carbonyl)-3-(4-(pentoxy)-phenyl)thiourea;
1-(7-Fluoro-benzofuran-2-yl-carbonyl)-3-(3-(benzyloxy)-phenyl)thiourea;
1-(2-(1,3-Dioxoisoindolin-2-yl)acetyl)-3-(3-phenoxyphenyl)thiourea;
1-(2-(1,3-Dioxoisoindolin-2-yl)acetyl)-3-(3-benzyloxyphenyl)thiourea;
1-(Benzofuran-2-yl-carbonyl)-3-(3-(benzyloxy)methyl-phenyl)thiourea;
1-(Benzofuran-2-yl-carbonyl)-3-(3-(phenylamino)methyl-phenyl)thiourea;
1-(Benzofuran-2-yl-carbonyl)-3-(4-(N-benzyl-N-methylamino)-3-fluorophenyl) thiourea;
Phenyl 3-(3-((benzofuran-2-yl)-carbonyl)thioureido)benzoate;
1-(4-Cyanophenyl-carbonyl)-3-(3-(benzyloxy)-phenyl)thiourea;
1-(4-Cyanophenyl-carbonyl)-3-(4-(pentyloxy)-phenyl)thiourea;
1-(4-Cyanophenyl-carbonyl)-3-(3-phenoxy-phenyl)thiourea;
1-(Quinoxalin-2-yl-carbonyl)-3-(3-phenoxy-phenyl)thiourea;
1-(Quinoxalin-2-yl-carbonyl)-3-(4-pentoxy-phenyl)thiourea;
1-(Ouinoxalin-2-yl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
1-(4-Trifluoromethoxyphenyl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
1-(4-Trifluoromethoxyphenyl-carbonyl)-3-(4-pentoxy-phenyl)thiourea;
1-(4-Trifluoromethylphenyl-carbonyl)-3-(4-pentoxy-phenyl)thiourea;
1-(4-Trifluoromethylphenyl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
1-(5-Cyano-benzofuran-2-yl-carbonyl)-3-(3-phenoxy-phenyl)thiourea;
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1-(5-Cyano-benzofuran-2-yl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
1-(4-Methyl-1,2,3-thiadiazol-5-yl-carbonyl)-3-(4-pentoxy-phenyl)thiourea;
1-(4-Methyl-1,2,3-thiadiazol-5-yl-carbonyl)-3-(4-pentoxy-phenyl)thiourea;
Butyl 4-(3-(4-Methyl-1,2,3-thiadiazol-5-yl-) carbonyl)thioureido) benzoate;
1-(Pyrazin-2-yl-carbonyl)-3-(3-phenoxy-phenyl)thiourea;
1-(Pyrazin-2-yl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
1-(Pyrazin-2-yl-carbonyl)-3-(4-pentoxy-phenyl)thiourea;
1-(3-Fluoro-4-(pentyloxy)phenyl)-3-(2-(1,3-dioxoisoindolin-2-yl)acetyl)thiourea;
1-(Benzofuran-2-vl-carbonyl)-3-(3-trifluoromethyl-4-pentoxy-phenyl)thiourea;
1-(1-Benzyl-1H-tetrazol-5-yl-carbonyl)-3-(3-(benzyloxy)-phenyl)thiourea;
1-(Benzofuran-2-yl-carbonyl)-3-(4-(N-methyl-N-pentylamino)-3-fluorophenyl)thiourea;
1-(1-Benzyl-1H-tetrazol-5-yl-carbonyl)-3-(3-(benzyloxy)-phenyl)thiourea;
1-(6-Trifluoromethyl-pyrid-3-yl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
1-(6-Trifluoromethyl-pyrid-3-yl-carbonyl)-3-(4-pentoxy-phenyl)thiourea;
1-(3-Trifluoromethyl-phenyl-carbonyl)-3-(3-phenoxy-phenyl)thiourea;
1-(3-Trifluoromethyl-phenyl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
1-(3-Trifluoromethyl-phenyl-carbonyl)-3-(4-pentoxy-phenyl)thiourea;
1-(3-Trifluoromethoxy-phenyl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
1-(3-Trifluoromethoxy-phenyl-carbonyl)-3-(4-pentoxy-phenyl)thiourea;
1-(2-Chloro-5-trifluoromethoxy-phenyl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
1-(3-Difluoromethyl-phenyl-carbonyl)-3-(3-phenoxy-phenyl)thiourea;
1-(3-Difluoromethyl-phenyl-carbonyl)-3-(3-phenoxy-phenyl)thiourea;
1-(5-(Trifluoromethyl)-2-phenyloxazol-4-yl-carbonyl)-3-(3-(benzyloxy)-phenyl)thiourea;
1-(5-(Trifluoromethyl)-2-phenyloxazol-4-yl-carbonyl)-3-(3-(phenoxy)-phenyl)thiourea;
1-(5-(2-Chloro-5-trifluoromethylphenyl)-furan-2-yl-carbonyl)-3-(4-(pentoxy)-phenyl)thiourea;
1-(3-Trifluoromethyl-4-methoxy-phenyl-carbonyl)-3-(3-phenoxy-phenyl)thiourea;
1-(3-Trifluoromethyl-4-chloro-phenyl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
1-(3-Trifluoromethyl-4-chloro-phenyl-carbonyl)-3-(4-pentoxy-phenyl)thiourea;
1-(3-Trifluoromethyl-4-methyl-phenyl-carbonyl)-3-(3-benzyloxy-phenyl)thiourea;
1-(3-Trifluoromethyl-4-methyl-phenyl-carbonyl)-3-(3-phenoxy-phenyl)thiourea;
1-(3-Trifluoromethyl-4-methyl-phenyl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
1-((5-Acetamidobenzofuran-2-yl)carbonyl)-3-(3-phenoxyphenyl)thiourea;
1-Acetyl-3-(3-phenoxyphenyl)thiourea;
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- 1-Acetyl-3-(4-(pentyloxy)phenyl)thiourea;
- 1-Acetyl-3-(4-pentylphenyl)thiourea;
- 1-(Dimethylamino-acetyl)-3-(3-phenoxyphenyl)thiourea;
- 1-(Dimethylamino-acetyl)-3-(3-benzyloxyphenyl)thiourea;
- 1-(3,5-Dimethylisoxazole-4-yl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
- 1-(Benzofuran-2-yl-carbonyl)-3-((2,3,4,5,6-penta-fluorophenoxy)-phenyl)thiourea;
- 1-(Benzofuran-2-yl-carbonyl)-3-(9-methyl-9*H*-fluoren-7-yl)thiourea;
- Pentyl 2-phenyl- 4-(3-(benzofuran-2-yl)thioureido)benzoate;
- 1-(3-Pyrid-3-yl-carbonyl)-3-(3-benzyloxy-phenyl)thiourea;
- 1-(3-Pyrid-3-yl-carbonyl)-3-(3-phenoxy-phenyl)thiourea;
- 1-(3-Pyrid-3-yl-carbonyl)-3-(4-pentoxy-phenyl)thiourea;
- 1-(3-Pyrid-3-yl-carbonyl)-3-(4-pentyl-phenyl)thiourea;
- 1-(4-Phenylbutanoyl)-3-(3-phenoxyphenyl)thiourea;
- 1-(4-Phenylbutanoyl)-3-(3-benzyloxyphenyl)thiourea;
- 1-(2-Morpholinoacetyl)-3-(3-phenoxyphenyl)thiourea;
- 1-(2-Morpholinoacetyl)-3-(4-(pentyloxy)phenyl)thiourea;
- 1-(2-Morpholinoacetyl)-3-(4-(pentyl)phenyl)thiourea;
- 1-(4-(Pentyloxy)phenyl)-3-(2-(piperidin-1-yl)acetyl)thiourea;
- 1-(N-Methyl-N-phenylamino-acetyl)-3-(3-benzyloxyphenyl)thiourea;
- 1-(Benzofuran-2-yl-carbonyl)-3-(6-pentoxy-pyrid-3-yl)thiourea;
- 1-(3-Pyrid-3-yl-carbonyl)-3-(3-benzyloxy-phenyl)thiourea hydrochloride;
- 1-(3-Pyrid-3-yl-carbonyl)-3-(3-phenoxy-phenyl)thiourea hydrochloride;
- 1-(3-Pyrid-3-yl-carbonyl)-3-(4-pentyl-phenyl)thiourea hydrochloride;
- 1-(Benzofuran-2-yl-carbonyl)-3-(trifluoromethylthio-phenyl)thiourea;
- 1-(3-(Piperidin-1-yl)propanoyl)-3-(4-pentylphenyl)thiourea;
- 1-(3-(Piperidin-1-yl)propanoyl)-3-(4-(pentyloxy)phenyl)thiourea;
- 1-(3-(Piperidin-1-yl)propanoyl)-3-(3-phenoxyphenyl)thiourea;
- 1-(3-Morpholinopropanoyl)-3-(4-(pentyloxy)phenyl)thiourea;
- 1-(1-Methylpiperidin-3-yl-carbonyl)-3-(4-(pentyloxy)phenyl)thiourea;
- 1-(1-Methylpiperidin-3-yl-carbonyl)-3-(4-(pentyloxy)phenyl)thiourea;
- 1-(2-(2-methylpiperidin-1-yl)acetyl)-3-(4-(pentyloxy)phenyl)thiourea;
- 1-(2-Oxo-4-phenyl-pyrrolidin-1-ylcarbonyl)-3-(3-benzyloxy-phenyl)thiourea; and
- 1-(5-Trifluoromethoxy-benzofuran-2-yl-carbonyl)-3-(3-benzyloxy-phenyl)thiourea.

API-0002

82. (Currently Amended) A pharmaceutical composition comprising a compound or salt according to any one of Claims 1 to 81 Claim 1 together with a pharmaceutically acceptable carrier, diluent, or excipient.

Claims 83-86. (Canceled)

87. (Original) A method for treating Hepatitis C infection comprising administering to a patient in need of such treatment a therapeutically effective amount of a compound or salt according to Claim 1.

Claims 88-90. (Canceled)